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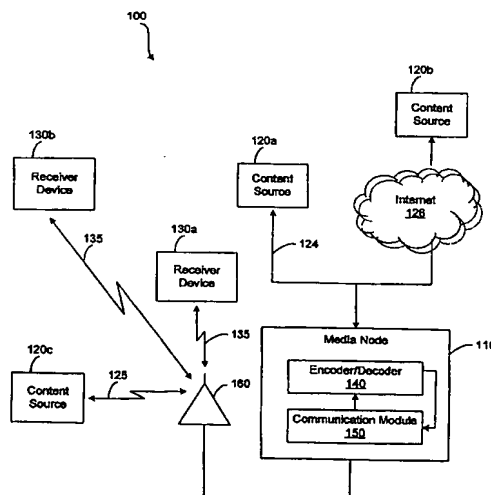
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(54) Title: **ADAPTIVE ENCODING OF DIGITAL MULTIMEDIA INFORMATION**

(57) **Abstract:** Adaptive encoding of digital multimedia information may be performed by measuring link parameters, such as a received signal strength, a bit error rate, or a rate of received acknowledgement signals, in order to determine an available transmission rate. A maximum encoding rate may then be determined based on the available transmission rate by, for example, dividing the available transmission rate by an overhead factor. If the encoding rate of the digital multimedia information exceeds the calculated maximum encoding rate, adaptive encoding of the digital multimedia information may be performed in order to conform the encoding rate of the digital multimedia information to the calculated maximum encoding rate. This process may involve compressing selected frames within a frame sequence, deleting high frequency components within selected frames, deleting I-frame components within selected frames, or mapping values within selected frames to corresponding values having coarser quantization.

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